



9-20-03

WEST

L5: Entry 1 of 2

File: EPAB

Aug 12, 1987

PUB-NO: EP000231448A1
DOCUMENT-IDENTIFIER: EP 231448 A1
TITLE: Vehicle tyre tread pattern.

PUBN-DATE: August 12, 1987

INVENTOR-INFORMATION:

NAME	COUNTRY
SEITZ, HANS DR	
PFEIFFER, HANS	

ASSIGNEE-INFORMATION:

NAME	COUNTRY
CONTINENTAL GUMMI WERKE AG	DE

APPL-NO: EP86115887

APPL-DATE: November 15, 1986

PRIORITY-DATA: DE03600618A (January 11, 1986)

US-CL-CURRENT: 152/209.12INT-CL (IPC): B60C 11/04EUR-CL (EPC): B60C011/00; B60C011/04

ABSTRACT:

CHG DATE=19990617 STATUS=0>1. Tread surface pattern for pneumatic vehicle tyres, more especially for high-speed passenger vehicles, having at least two rows of blocks (2, 3, 4), which are laterally defined by circumferential grooves (8) and extend in the circumferential direction, the blocks (9) of said rows being separated from one another by means of transverse grooves (10) which extend inclinedly or vertically relative to the circumferential direction, and having transverse ribs (12), by means of which the grooves are divided into portions which are separated spatially from one another, characterised in that the transverse ribs (12) are disposed exclusively in the transverse grooves (10) and extend transversely relative to the direction of the transverse grooves.

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L5: Entry 2 of 2

File: DWPI

Jul 16, 1987

DERWENT-ACC-NO: 1987-199510

DERWENT-WEEK: 198729

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TITLE: Tyre for high speed car - has tread with circumferential rows of blocks separated by transverse or inclined grooves, divided by ribs

INVENTOR: PFEIFFER, H D; SEITZ, H

PATENT-ASSIGNEE:

ASSIGNEE	CODE
CONTINENTAL GUMMI WERKE AG	CONW

PRIORITY-DATA: 1986DE-3600618 (January 11, 1986)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 3600618 A	July 16, 1987		004	
DE 3668285 G	February 22, 1990		000	
<u>EP 231448 A</u>	August 12, 1987	G	005	
<u>EP 231448 B</u>	January 17, 1990	G	000	
ES 2012447 B	April 1, 1990		000	

DESIGNATED-STATES: AT BE CH DE ES FR GB GR IT LI LU NL SE AT BE CH DE ES FR GB GR IT LI LU NL SE

CITED-DOCUMENTS: FR 1528052; FR 938797 ; GB 2056925 ; GB 2073679 ; GB 869980

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 3600618A	January 11, 1986	1986DE-3600618	
EP 231448A	November 15, 1986	1986EP-0115887	

INT-CL (IPC): B60C 11/04

ABSTRACTED-PUB-NO: DE 3600618A

BASIC-ABSTRACT:

The tyre tread comprises circumferentially extending rows (1-5) of blocks (6,9) of tyre material in which the blocks are separated by transverse (7) or inclined grooves (10). The inclined grooves are subdivided into separate groove portions (13,14) by one or more ribs (12).

Each inclined groove may contain a single rib half-way its length, pref. extending the groove bottom to the road contact surface and having a trapezoidal cross section with the base 3-2 times the length of the upper side, e.g. with the base 3-6 mm and the upper side 1-3 mm wide.

ADVANTAGE - Min. radiated tyre noise. /2

ABSTRACTED-PUB-NO:

EP 231448B

EQUIVALENT-ABSTRACTS:

Tread surface pattern for pneumatic vehicle tyres, more especially for high-speed passenger vehicles, having at least two rows of blocks (2,3,4) which are laterally defined by circumferential grooves (8) and extend in the circumferential direction the blocks (9) of said rows being separated from one another by means of transverse grooves (10) which extend inclinedly or vertically relative to the circumferential direction, and having transverse ribs (12) by means of which the grooves are divided into portions which are separated spatially from one another, characterised in that the transverse ribs (12) are disposed exclusively in the transverse grooves (10) and extend transversely relative to the direction of the transverse grooves. (5pp)

TITLE-TERMS: TYRE HIGH SPEED CAR TREAD CIRCUMFERENCE ROW BLOCK SEPARATE TRANSVERSE INCLINE GROOVE DIVIDE RIB

DERWENT-CLASS: Q11

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1987-149335

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L3: Entry 1 of 2

File: EPAB

Jan 28, 1988

PUB-N0: DE003625120A1
DOCUMENT-IDENTIFIER: DE 3625120 A1
TITLE: Tyre tread

PUBN-DATE: January 28, 1988

INVENTOR-INFORMATION:

NAME	COUNTRY
BOOM, JOHANNES VAN DEN DIPLO ING	DE
KROEPFL, ALFRED	DE
HESS, GUENTER	DE

ASSIGNEE-INFORMATION:

NAME	COUNTRY
AUDI NSU AUTO UNION AG	DE

APPL-NO: DE03625120

APPL-DATE: July 25, 1986

PRIORITY-DATA: DE03625120A (July 25, 1986)

US-CL-CURRENT: 152/209.12

INT-CL (IPC): B60C 11/06

EUR-CL (EPC): B60C011/06

ABSTRACT:

CHG DATE=19990617 STATUS=0> A tyre tread is proposed which provides a particularly comfortable ride. For this purpose, there is provision for the branches from the main water expulsion recesses and channels to be curved until they extend in their final section into recesses approximately parallel thereto.

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L3: Entry 2 of 2

File: DWPI

Jan 28, 1988

DERWENT-ACC-NO: 1988-029858

DERWENT-WEEK: 198805

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TITLE: Pneumatic tyre tread - with two through grooves and alternating offset curved blind branch grooves

INVENTOR: HESS, G; KROPFLI, A ; VANDENBOOM, J

PATENT-ASSIGNEE:

ASSIGNEE	CODE
AUDI AG	NSUM

PRIORITY-DATA: 1986DE-3625120 (July 25, 1986)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 3625120 A	January 28, 1988		004	
DE 3625120 C	June 13, 1990		000	

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 3625120A	July 25, 1986	1986DE-3625120	

INT-CL (IPC): B60C 11/06

ABSTRACTED-PUB-NO: DE 3625120A

BASIC-ABSTRACT:

A pneumatic tyre has a tread with two continuous water discharge recesses and oblique dead ends branching off them. These branch recesses terminate in their end sections almost parallel to the through grooves; they originate on both sides of the right-hand through groove in the upward direction and the left-hand groove in the opposite direction.

ADVANTAGE - This tread results in a min. of noise rolling along the highway because the edges of the branch groove make soft contact with the road. The driving comfort is therefore increased.

ABSTRACTED-PUB-NO:

DE 3625120C

EQUIVALENT-ABSTRACTS:

The profile has at least two grooves running in a circumferential direction, with branches running obliquely to the left and the right to blind ends.

The branches make an angle of less than 45 deg. with the grooves and the branches run parallel to the grooves at the blind ends. The branches of adjacent grooves run in opposite directions, while the branches have a stagger, the one on the left being slightly ahead of the one on the right, in a direction opposite to the inclination of a branch. The blind ends of the branches of adjacent grooves lie opposite and close to

one another. One the sides of the tyre track there are just branches, leading out from the edge of the track. ADVANTAGE - Prodn. in the noise produced in motion.

(4pp)

CHOSEN-DRAWING: Dwg. 0/1

TITLE-TERMS: PNEUMATIC TYRE TREAD TWO THROUGH GROOVE ALTERNATE OFFSET CURVE BLIND
BRANCH GROOVE

DERWENT-CLASS: A95 Q11

CPI-CODES: A12-T01B;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0009 0231 2545 2623 2624 3258 2826 3300

Multipunch Codes: 014 032 04- 41& 476 50& 551 560 562 57& 651 672 699

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1988-013232

Non-CPI Secondary Accession Numbers: N1988-022333